

WE CLAIM:

1. A duct for electrical cables comprising a plurality of filiform metal elements arranged substantially parallel to one another according to the longitudinal development of the duct, wherein said duct comprises, for at least a portion of its length, a plurality of structural modules, which are arranged in a transverse direction with respect to said filiform elements and are spaced apart from one another in succession according to the longitudinal development of the duct, said supporting modules having a basically U-shaped body that comprises a central wall from which there project, on opposites sides with respect to one another, two side walls set substantially parallel to one another, coupling means designed to enable connection with said filiform elements being arranged on said shaped body.
2. The duct according to Claim 1, wherein said coupling means comprise a first series of, through holes made in said shaped body, said through holes having their axes directed basically according to the longitudinal development of the duct and being designed to house portions of corresponding filiform elements.
3. The duct according to Claim 2, wherein said shaped body there is provided a second series of assembly holes operatively associated to said first series of through holes, said second series of assembly holes having their axes perpendicular to the axes of the first series of through holes and being each set in communication with a corresponding hole of the first series.
4. The duct according to claim 1, wherein on said shaped body there are made coupling means with further components that can be associated to the duct.
5. The duct according to Claim 4, wherein said means for coupling with further

components that can be associated to the duct comprise a recessed seat made along the central band of the internal surface of said central wall and/or side walls.

6. The duct according to Claim 4, wherein said means for coupling with further components that can be associated to the duct comprise shaped protuberances defined on the outer surfaces of said central wall and/or side walls.
7. The duct according to Claim 6, wherein said shaped protuberances are defined on said central wall and/or side walls in positions corresponding to said first and second series of holes.
8. The duct according to Claim 6, wherein, on at least some of said shaped protuberances, there is defined a pair of parallel grooves having basically vertical axes.
9. The duct according to claim 1, wherein the portions of free ends of said side walls are configured so as to define a shaped head for coupling with a closing element of the duct.
10. The duct according to claim 1, wherein at least said central wall of the shaped body has rounded internal edges.
11. The duct according to claim 1, wherein said structural modules are made of a single basically rigid piece of plastic material.
12. The duct according to claim 1, wherein said structural modules are made of a single piece of plastic material with said side walls that are able to move with respect to the central wall.
13. The duct according to claim 1, wherein said structural modules are made of a sheared and bent metal piece.
14. The duct according to claim 1, wherein said filiform metal elements comprise

lengths of metal wire having their respective free ends housed in two through holes belonging to two corresponding consecutive structural modules.

15. The duct according to claim 1, wherein said duct is made of a single co-extruded piece or by moulding said supporting modules directly on said filiform metal elements.
16. The duct according to claim 1, wherein that said coupling means comprise a plurality of hooking means arranged on said shaped body, which are designed to couple directly with said filiform elements.